



TIG A60

Classification

AIR 9117 : A 60

Description & Applications

Solid rod for GTAW of steels such as XC18S, E26, E36 and X ES.

Main applications: Aeronautic industrie

Typical Chemical Composition (%)

	C	Si	Mn	Al	Ti	P	S	Si+Al+Ti	P+S
Min			0.80						
Max	0.12	0.60	1.20	-	-	0.020	0.020	0.90	0.040
Type	0.08	0.60	1.0	0.005	0.003	0.015	0.015	<0.9	<0.040

All Weld Metal Mechanical Properties

	R _e (MPa)	R _m (MPa)	A ₅ (%)
Min			
Max	-	-	-
Type	380	550	24

Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	ISO 14175: I1 (Ar): 6-12 l/min Back shielding : I1 (Ar) / N1 (Nitrogen) : 3-6 l/min

FT En-TE01-190219

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